

Message

---

**From:** Poeske, Regina [Poeske.Regina@epa.gov]  
**Sent:** 12/11/2018 8:37:53 PM  
**To:** rogers, rick [rogers.rick@epa.gov]; Bennett, James [bennett.james@epa.gov]; Reinhart, Roger [Reinhart.Roger@epa.gov]; Laufenberg, Kim [laufenberg.kim@epa.gov]; Vazquez, Natalia [Vazquez.Natalia@epa.gov]; Isin, Amelie [Isin.Amelie@epa.gov]; Caporale, Cynthia [Caporale.Cynthia@epa.gov]; Hirsh, Steven [Hirsh.Steven@epa.gov]; Davies, Kathy [Davies.Kathy@epa.gov]  
**Subject:** ORD study - Evidence of PFAS Air Dispersion Near a Fluoropolymer Production Facility  
**Attachments:** WV-OH PFOA GenX Manuscript 12-11-18.docx

FYI and please share as appropriate. We may share with all relevant parties within our Region. We can also share with our state contacts so that they have a heads-up. **This is for awareness and as a heads-up only. The manuscript should not be broadly distributed or made public.** If you or your state contacts have any review comments, please provide to Tim Buckley by Dec 21<sup>st</sup> and please copy me. I will share with WVDAQ. Any questions please let me know.

Regina

---

**From:** Lindstrom, Andrew  
**Sent:** Tuesday, December 11, 2018 2:49 PM  
**To:** Buckley, Timothy <Buckley.Timothy@epa.gov>; Harris, Kimberly <harris.kimberly@epa.gov>  
**Cc:** Poeske, Regina <Poeske.Regina@epa.gov>; Strynar, Mark <strynar.mark@epa.gov>  
**Subject:** RE: Galloway/Lindstrom study

Thank you Tim.

Kim and Regina,

I've attached a draft copy of the manuscript entitled "Evidence of Air Dispersion: HFPO-DA and PFOA in OH/WV Surface Water and Soil Near a Fluoropolymer Production Facility" for your review and distribution to relevant parties.

If you or any other folks have any questions, please let us know.

We are looking forward to your comments and questions.

Thank you very much,

Andy

---

**From:** Buckley, Timothy  
**Sent:** Tuesday, December 11, 2018 1:57 PM  
**To:** Harris, Kimberly <harris.kimberly@epa.gov>  
**Cc:** Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Poeske, Regina <Poeske.Regina@epa.gov>  
**Subject:** RE: Galloway/Lindstrom study

Kim,

With a copy of this email, I will ask Andy to provide an updated copy of the manuscript to us all. The manuscript is being provided primarily as a heads-up for you and Regional management / staff. I trust that you will share with all who are relevant within your Region. It is my understanding that you will also share with your state contacts so that they have a

heads-up. If you or your state contacts have any review comments, please provide to me by Dec 21st. In parallel to your review, the manuscript will be shared with the ORD-IO and EPA Program Offices for awareness and review.

Thank you.

Tim

Timothy J. Buckley, PhD  
Director of the Exposure Methods & Measurements Division  
National Exposure Research Laboratory  
109 TW Alexander Drive  
Research Triangle Park, NC 27711

Email: [buckley.timothy@epa.gov](mailto:buckley.timothy@epa.gov)  
URL: <http://www.epa.gov/heasd/staff/buckley.html>  
Phone: (919) 541-2454 (O); FAX: -0239  
(919) 308-3480 (C)

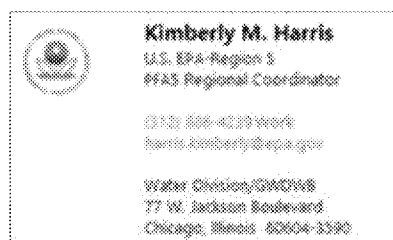
---

**From:** Harris, Kimberly  
**Sent:** Tuesday, December 11, 2018 12:34 PM  
**To:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>  
**Subject:** Galloway/Lindstrom study

Hi Tim,

You mentioned during Friday's call that the Galloway study might be available for internal and state distribution. Should we expect to see the pre-publication soon and if so, should I contact Andy Lindstrom for a copy?

Thanks,  
Kim



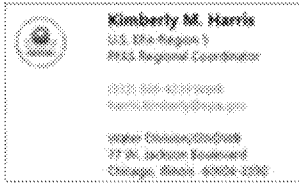
---

**From:** Harris, Kimberly  
**Sent:** Monday, December 10, 2018 1:36 PM  
**To:** Newman, Erin <[newman.erin@epa.gov](mailto:newman.erin@epa.gov)>; Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Sullivan, Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>  
**Cc:** Bair, Rita <[bair.rita@epa.gov](mailto:bair.rita@epa.gov)>; Cain, Alexis <[cain.alexis@epa.gov](mailto:cain.alexis@epa.gov)>; Braverman, Carole <[braverman.carole@epa.gov](mailto:braverman.carole@epa.gov)>  
**Subject:** RE: Write up for R5/ORD Call

As discussed on Friday's call, attached is the R5 chromium electroplating study conducted in 2009. We initiated this study to examine whether detectable PFOS concentrations were in the effluent of chrome platers that discharged to WWTPs. Although not a statistically significant study, results indicated that this industry

may be a widespread source of PFOS (and PFAS) to the environment. The study was in support of OAQPS's hexavalent chromium MACT standard which was subsequently revised to phase-out the use of PFOS-containing fume suppressants.

Thanks,  
Kim



---

**From:** Newman, Erin  
**Sent:** Friday, December 07, 2018 9:37 AM  
**To:** Buckley, Timothy <[Buckley.Timothy@epa.gov](mailto:Buckley.Timothy@epa.gov)>; Sullivan, Kate <[Sullivan.Kate@epa.gov](mailto:Sullivan.Kate@epa.gov)>  
**Cc:** Harris, Kimberly <[harris.kimberly@epa.gov](mailto:harris.kimberly@epa.gov)>; Bair, Rita <[bair.rita@epa.gov](mailto:bair.rita@epa.gov)>; Cain, Alexis <[cain.alexis@epa.gov](mailto:cain.alexis@epa.gov)>; Braverman, Carole <[braverman.carole@epa.gov](mailto:braverman.carole@epa.gov)>  
**Subject:** Write up for R5/ORD Call

For those in Region 5 – I have reserved Room 1815B. Talk to you all shortly.

Erin